FIG. 1

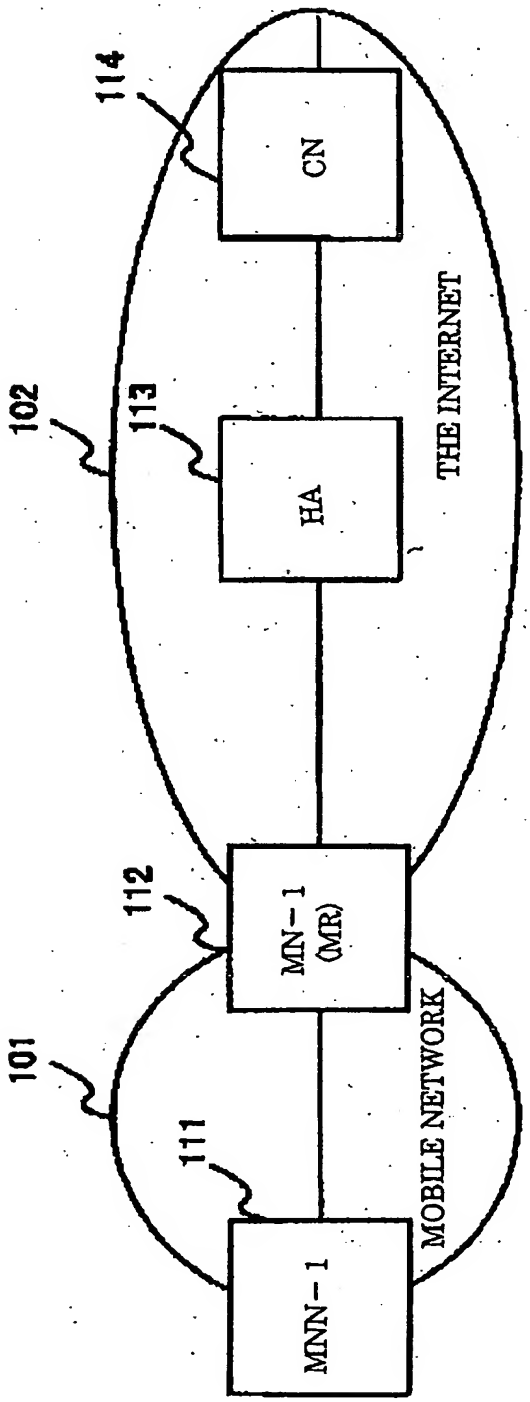
114
CN
THE INTERNET
102
113
HA
112
MN-1
(MR)
101
MOBILE NETWORK
111
MNN-1

FIG. 2

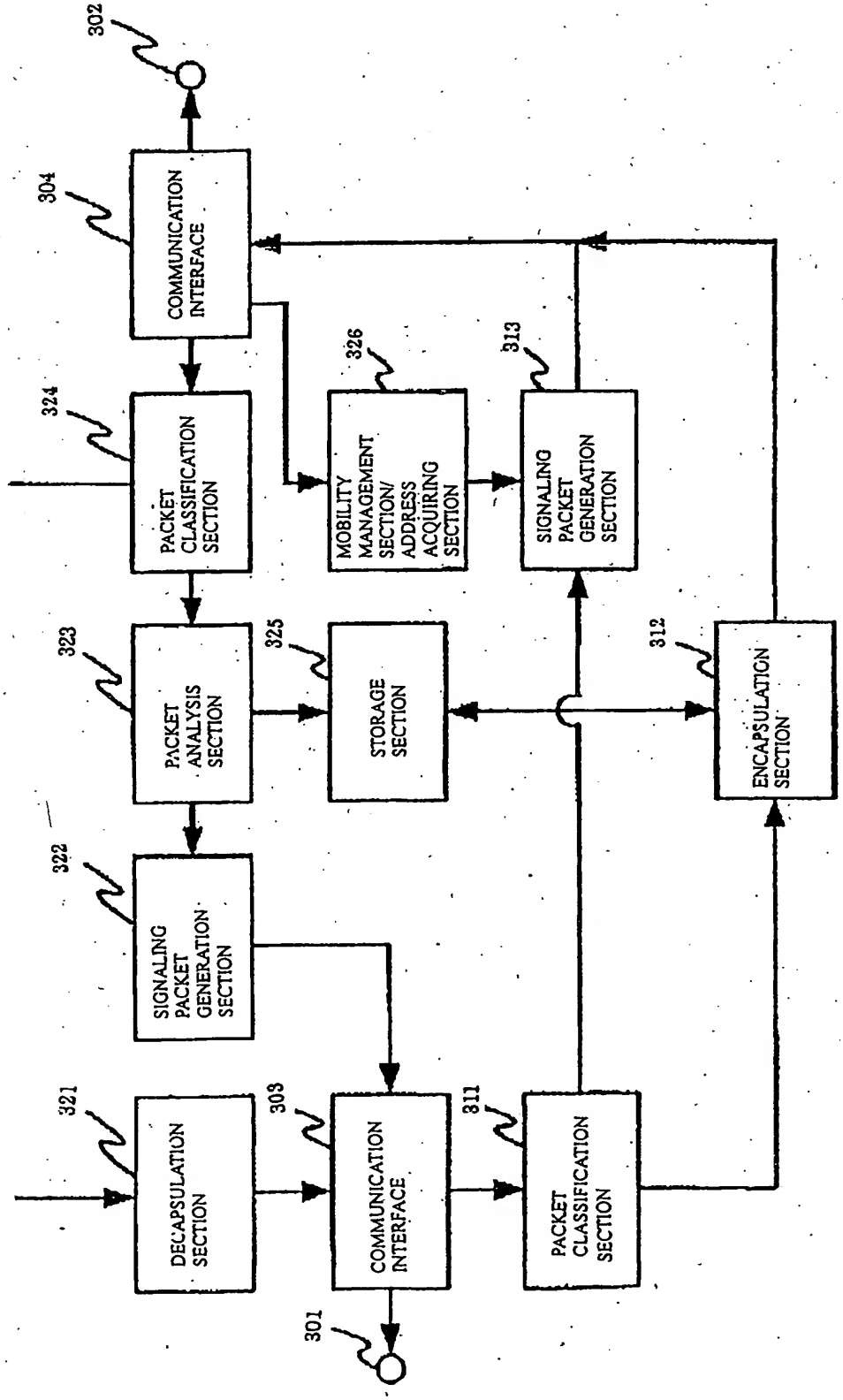
302
304
COMMUNICATION INTERFACE
324
PACKET CLASSIFICATION SECTION
326
MOBILITY MANAGEMENT SECTION/ ADDRESS ACQUIRING SECTION
313
SIGNALING PACKET GENERATION SECTION
323
PACKET ANALYSIS SECTION
325
STORAGE SECTION
312
ENCAPSULATION SECTION
322
SIGNALING PACKET GENERATION SECTION
321
DECAPSULATION SECTION
308
COMMUNICATION INTERFACE
311
PACKET CLASSIFICATION SECTION
301

FIG. 3

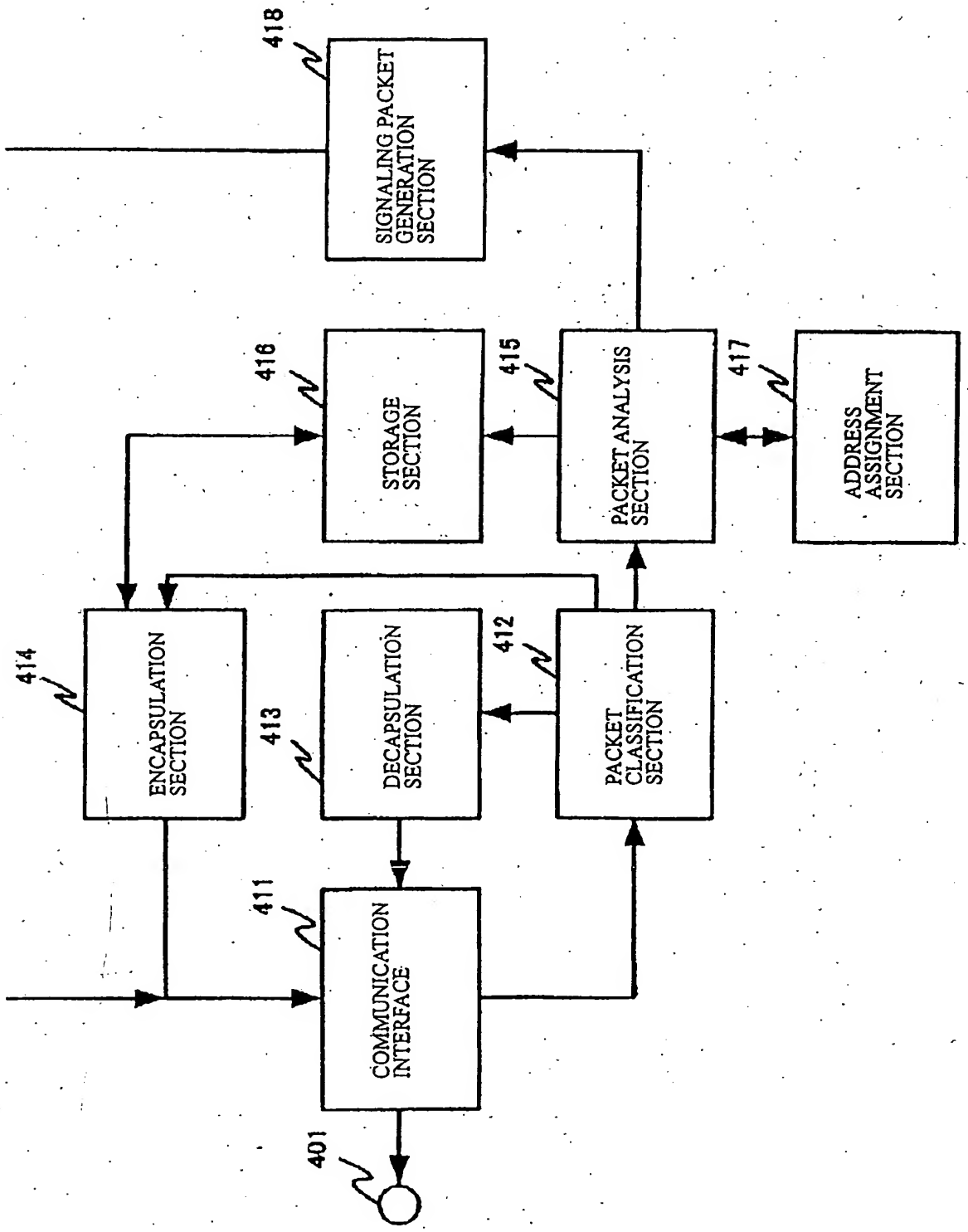
418
SIGNALING PACKET GENERATION SECTION
416
STORAGE SECTION
415
PACKET ANALYSIS SECTION
417
ADDRESS ASSIGNMENT SECTION
414
ENCAPSULATION SECTION
413
DECAPSULATION SECTION
412
PACKET CLASSIFICATION SECTION
411
COMMUNICATION INTERFACE
401

FIG. 4

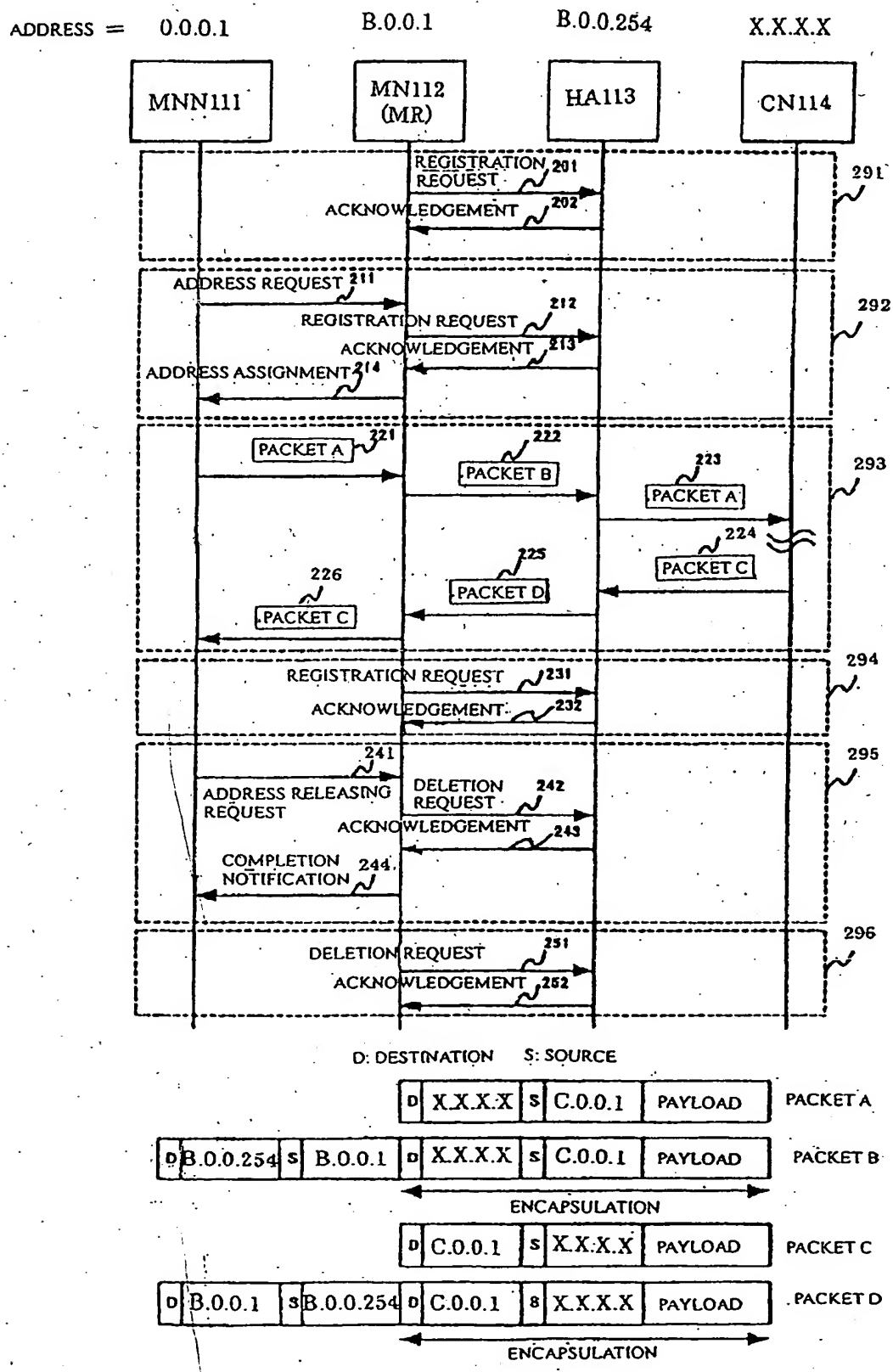
ADDRESS = 0.0.0.1
B.0.0.1
B.0.0.254
X.X.X.X
MNN111
MN112 (MR)
HA113
CN114
REGISTRATION REQUEST 201
ACKNOWLEDGEMENT 202
291
ADDRESS REQUEST 211
REGISTRATION REQUEST 212
ACKNOWLEDGEMENT 213
ADDRESS ASSIGNMENT 214
292
PACKET A 221
PACKET B 222
PACKET A 223
PACKET C 224
PACKET D 225
PACKET C 226
293
REGISTRATION REQUEST 231
ACKNOWLEDGEMENT 232
294
241
ADDRESS RELEASING REQUEST
DELETION REQUEST 242
ACKNOWLEDGEMENT 243
COMPLETION NOTIFICATION 244
295
DELETION REQUEST 251
ACKNOWLEDGEMENT 252
296
D: DESTINATION S: SOURCE
D X.X.X.X S C.0.0.1 PAYLOAD PACKET A
D B.0.0.254 S B.0.0.1 D X.X.X.X S C.0.0.1 PAYLOAD PACKET B
ENCAPSULATION
D C.0.0.1 S X.X.X.X PAYLOAD PACKET C
D B.0.0.1 S B.0.0.254 D C.0.0.1 S X.X.X.X PAYLOAD PACKET D
ENCAPSULATION

FIG. 5

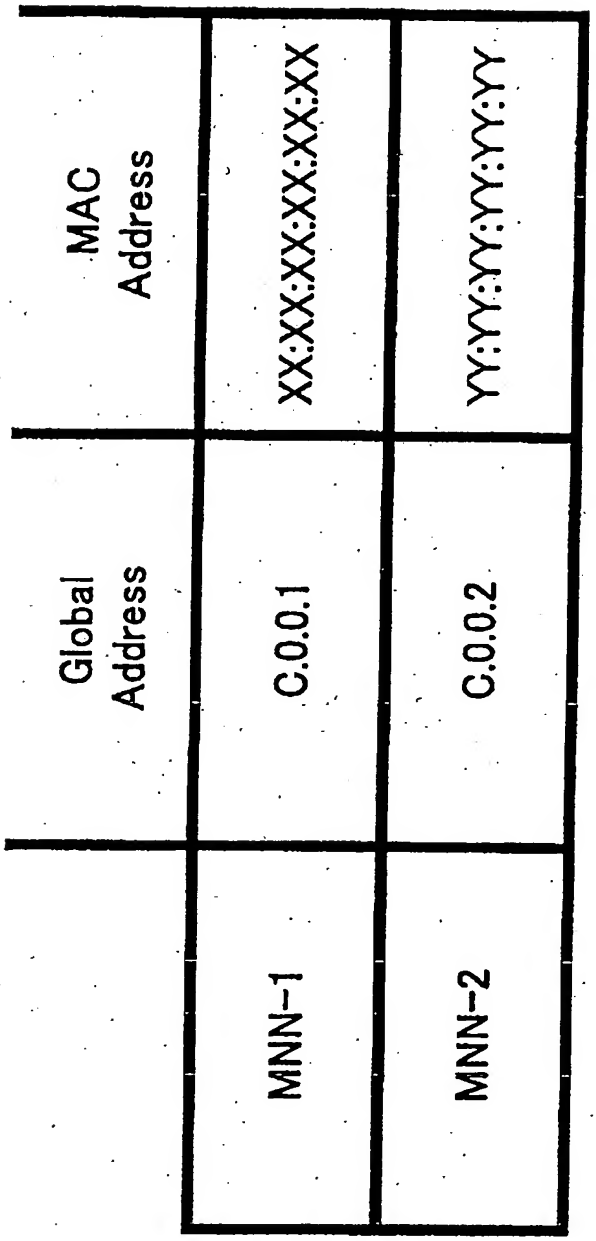
MAC Address
XX:XX:XX:XX:XX:XX
YY:YY:YY:YY:YY:YY
Global Address
C.0.0.1
C.0.0.2
MNN-1
MNN-2

FIG. 6

	CoA	HoA	Subnet Mask	Additional Address
MR-1	A.0.0.1	B.0.0.1	255.255.255.0	C.0.0.1 C.0.0.2
MR-2	A.0.0.2 A.0.0.3	B.0.1.1	-	C.0.0.3
———	———	———	———	———
MR-n	D.0.0.1	B.0.n.1	255.255.255.0	-